EDIROL
PCR-30/50
MIDI KEYBOARD CONTROLLER

TurboStart

It's a Fact...

The PCR-30 and PCR-50 are USB MIDI keyboard controllers that provide musicians who work with computers all the buttons, knobs and sliders they can use. Whether you need 32 notes—the PCR-30—or 49 notes—with the PCR-50—these keyboards put you in complete control of your computer-based audio applications. Features include:

• 25 assignable controls
• Control of all MIDI messages, including CC, RPN, NRPN, Clock, Note and SysEx
• USB bus-powered
• Best key action in its class
• 16 memory locations for storing settings
• Templates to keep track of control mapping
• Expression and Hold pedal connections

Connecting to a Computer

The PCR-30 and PCR-50 can connect directly to your computer using the included USB cable. Follow the instructions on Pages 14-30 in the *Owner's Manual* to install the PCR USB driver and to set up your computer. The PCR 30/50 can also be used as a MIDI interface. You can connect your other MIDI equipment to the MIDI IN and MIDI OUT connectors on the PCR's back panel.

Note: If you already have a MIDI interface, you can connect it to the PCR's rear-panel MIDI jacks if you prefer. If you do this, you don't need to install the PCR's USB driver on your computer.

Setting the MIDI Channel

Use the following procedure to set the MIDI transmission channel:
1. Press MIDI CH so it's lit.
2. Use the DEC and INC buttons to select the desired MIDI channel (1-16), then press ENTER.

Sending a Program Change

Use the following procedure to send a Program Change message:
1. Press PROGRAM CHANGE so it's lit.
2. Use the DEC and INC buttons or the numbered keys to display the desired Program Change number (1-128).
3. Press ENTER to send the Program Change message.

Selecting Memory Locations

The PCR-30 and PCR-50 have 16 memory locations in which you can store all of your button, knob and slider settings. You can pre-configure the PCR for different applications or projects, and then save each setup.

Note: The PCR-30 and PCR-50 are pre-programmed at the factory with 16 setups in memory designed for GM and XG products, as well as Cakewalk's SONAR software and others. You can download new setups from Edirol's website at www.Edirol.com.

To load a stored setup:
1. Press MEMORY so it's lit.
2. Use the DEC and INC buttons or the keys labeled 0-9 and A-F to select the desired memory location.
3. Press ENTER.

Storing Your Own Settings

Once you've set up the PCR as desired for a particular use, you can save your settings to one of the 16 memory locations.
1. Press EDIT so it's lit.
2. Press the key with "SAVE" written above it—the display blinks "SAu"—and then press ENTER.
3. Use the DEC and INC buttons or the keys labeled 0-9 and A-F to select the desired memory location.
4. Press ENTER.

Sending a Snapshot

When you're working with an external MIDI device such as a sequencer, you can transmit all of the PCR settings at once as a "snapshot." This allows you to store PCR settings at the start of a sequencer track, from where they can be automatically loaded back into the PCR when you play the sequence.
1. Simultaneously press MEMORY and MIDI CH so both buttons are lit.
2. Press ENTER—the MEMORY and MIDI CH buttons blink several times, and all of the current settings of the PCR are transmitted.

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Panic Mode

Use the Panic feature if MIDI notes become stuck or if other problems occur with the sound.

1. Simultaneously press PROGRAM CHANGE and EDIT so they're both lit.
2. Press ENTER—the PROGRAM CHANGE and EDIT buttons blink several times and the following messages are transmitted on all MIDI channels: All Sound Off, All Notes Off, and Reset All Controllers.

Assigning Controllers

There are 25 knobs, buttons and sliders on the PCR-30 and PCR-50 that can be assigned to almost any MIDI message. Check out Pages 108-129 of the *Owner's Manual* for specifics on the different messages you can send and how to program them. As an example, let's assign the S1 slider to transmit MIDI Volume messages on MIDI Channel 3:

1. Press EDIT so it's lit.
2. Move the S1 slider to select it for editing—the screen displays "S-1"—and then press ENTER.
3. Press the key with "CONTROL CHANGE" printed directly above it, and then press ENTER.
4. Use the DEC and INC buttons or the numbered keys to select 3, for MIDI Channel 3.
5. Press ENTER.
6. Use the DEC and INC buttons or the keyboard to select 7, the controller number for MIDI Volume messages.
7. Press ENTER.

Some commonly used MIDI controllers are:
- 1—Modulation
- 5—Portamento (glide) Time
- 7—Volume
- 10—Pan
- 11—Expression
- 91—Reverb Depth